

Title (en)

Fuel cell system, method of controlling the same, and vehicle mounted with the same

Title (de)

Brennstoffzellensystem, Verfahren zu ihrer Steuerung und damit ausgestattetes Fahrzeug

Title (fr)

Système de pile à combustible, son méthode de commande et véhicule monté avec celui-ci

Publication

EP 1291949 A3 20080326 (EN)

Application

EP 02019922 A 20020904

Priority

JP 2001271569 A 20010907

Abstract (en)

[origin: EP1291949A2] A fuel cell (100) can be heated, upon starting thereof, by supplying hydrogen gas from a hydrogen tank (100) to a hydrogen adsorbing alloy tank (300) so as to be adsorbed therein. The hydrogen adsorbing alloy tank (300) adsorbs the hydrogen gas with generation of heat. The heat thus generated is transmitted to the fuel cell (200) by cooling water circulating between the hydrogen adsorbing alloy tank (300) and the fuel cell (200), whereby the temperature increases.

IPC 8 full level

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CPC (source: EP US)

H01M 8/0258 (2013.01 - EP US); **H01M 8/0267** (2013.01 - EP US); **H01M 8/04223** (2013.01 - EP); **H01M 8/04225** (2016.02 - EP); **H01M 8/04253** (2013.01 - EP); **H01M 8/04268** (2013.01 - EP US); **H01M 8/065** (2013.01 - EP US); **H01M 8/241** (2013.01 - EP US); **H01M 8/2457** (2016.02 - EP US); **H01M 8/04029** (2013.01 - EP US); **H01M 2250/20** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP); **Y02T 90/40** (2013.01 - EP US)

Citation (search report)

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